

6-12613

## Certifying Engineering Technicians Is Goal Of Society Observing 1st Birthday

The American Society of Certified Engineering Technicians is observing its first anniversary, to be highlighted with its annual meeting in Milwaukee, June 18. The first year of organization has been highly successful for the society which has grown to nearly one thousand members nationally since its charter was granted a year ago.

Membership in the professional society is restricted to engineering technicians who have been certified by the Institute for Certification of Engineering Technicians (ICET) which is sponsored by the National Society of Professional Engineers. (An Oak Ridge chapter of the Tennessee Society of Professional Engineers was recently granted a charter.) ICET has been certifying technicians for a little over two years and has now over 3,000 certified nationally with every state and some outlying possessions represented.

### Three Technician Grades

The board of examiners has set up three grades of certification . . . Junior Engineering Technicians for technical school graduates and technicians with two years experience, Engineering Technician for technicians with seven years experience, and Senior Engineering Technician for those who have 17 years experience. In all three grades of certification the quality of work and experience must be certified and endorsed by three engineers who are qualified to evaluate the applicant's knowledge as an engineering technician.

According to Robert G. Silva, president of the American Society of Certified Engineering Technicians, one of the handicaps facing the technician in the past has been the lack of credentials of wide acceptance, and lack of a professional body of national stature and influence to extend recognition and encouragement for the technician. Hopefully this situation has now been changed by the NSPE, the Engineering Council for Professional Development, and the Institute for the Certification of Engineering Technicians. Other professional engineering societies also have committees working to relieve the situation.

Each day brings unlimited opportunities for qualified technicians. Employers are all demanding better qualified technicians to fill positions which will relieve engineers of responsibilities which fall below the engineering level.

### For National Status

The purpose of the ASCET is to obtain recognition of the contribution of engineering techni-

cians to the national welfare as an essential part of the engineering-scientific team; to cooperate with engineering societies; to improve the utilization of the engineering technician; to assist the educational, social, economic, and ethical development of the engineering technician.

The three Union Carbide plants here now have 13 certified technicians. In addition there are many applications pending and will be examined at the next board meeting.

The word or job classification "technician" as used includes those engaged in planning, design, drafting, procurement, construction, inspection, operating test equipment, data reduction, and many of the assignments falling below the level of the responsible engineer.

### Others In This Area

Other companies in the Oak Ridge area are employing certified technicians, the Tennessee Valley Authority being one of the largest. There is interest in forming a local chapter of ASCET. The Oak Ridge Chapter of NSPE is assisting in the formation of this local chapter.

Anyone interested in becoming certified and joining the ASCET should write to Institute for Certification of Engineering Technicians, 2029 K Street Northwest, Washington, D. C. Local contacts include T. A. King, Oak Ridge telephone 483-4212; Ralph Dial, Concord telephone 966-4153; Glen Mills, Lenoir City telephone 986-3437; or C. E. McAlister, Oak Ridge telephone 483-5547.

## 'Clean Air' Film Made For AEC

A new motion picture which describes the problems of solutions of air contamination in critical industrial processes can be borrowed from the Atomic Energy Commission here.

The 16-minute, 16-mm, color film, entitled "Clean Air is a Breeze," was produced for the AEC by the Sandia Corporation, and is suitable for showing at both the lay and technical levels. It illustrates the relative size of minute airborne particles which can cause problems in delicate assembly work and other industrial processes. The application of "laminar air flow" devices in industrial and medical research for air purification is explained.

The film may be obtained from the Film Loan Library, US AEC, Oak Ridge.

### LONG STATE

To give you some idea of the breadth of the state of Tennessee look at these road statistics. It is three miles nearer to Savannah, Georgia from Knoxville than it is to Memphis. . . . To Memphis, 416 miles; to Savannah, 413 miles!



**DEGREE-TAKING TIME** again comes to the Tool Engineering Department, as five men take certificates in "Strength of Materials." From left are Paul Boyer, Elmo Robbins, C. P. Tudor, Bill Galyon, Wayne Collette, E. R. Watkins, superintendent of the department; Instructor L. A. Abbatiello, and Frank Fuis Jr., course coordinator.

## Tool Engineering 'Graduates' Five From 'Strength Of Materials' Studies

Graduation fever is rampant everywhere! It even seeped into Y-12 recently, as Tool Engineering personnel completed another course. "Graduation" came June 2 to the five-member class completing a course in "Strength of Materials."

The course, third in a series, used the college-level textbook "Strength of Materials" by F. L. Singer. It is a continuation of a series which began with "Statics," and "Dynamics." Instructor for

the course was L. A. Abbatiello, engineer in the Development Section of Tool Engineering. Frank Fuis Jr. acted as coordinator for the instruction.

Certificates went to Paul Boyer, Wayne Collette, Bill Galyon, Elmo Robbins and C. P. Tudor.

The course consumed about 75 hours of class time which began October 7, 1964 and ended May 28. This does not include preparation time, "Homework," or burning the midnight oil.

Another course currently being taught in the department is Physics. Instructors for this course are Richard Green and Ron Miskell.

Certificates were presented last week by Department Superintendent E. R. Watkins.

Union Carbide Corporation's Educational Assistance Program is supplemented by on-the-job training such as the course just completed. A continuing process of learning is essential to the department, and in the plant, for the growth in capability and versatility of the skilled personnel making up specialized groups.

## UT Graduate School Gives Summer Plans

The University of Tennessee's Graduate School announces its Oak Ridge summer schedule. Registration begins next Monday, June 14, from the hours of 6 until 8 p.m. at the Oak Ridge Institute of Nuclear Studies Training Building.

Classes begin the following day, Tuesday, June 15, and end August 24.

The Summer Quarter offers the following graduate courses:

**MATHEMATICS 315, Application of Digital Computers in Engineering and Science.** Prerequisite: Last quarter of higher mathematical analysis or equivalent.

**MATHEMATICS 425, Brief Course in Complex Variables.** Prerequisites: Mathematics 454-5 or 451-2-3.

**PHYSICS 642, Advanced Topics in Classical Theory.** Prerequisites: Physics 531-2-3, 541-2-3, 551-2-3, or consent of instructor.

**ZOOLOGY 513, Special Problems; Survey of General Pathology.** Prerequisites: Zoology 111-2-3, 305, 306; Chemistry 111-2-3, 311-2-3; or equivalent.

The UT Graduate program will probably offer the following courses during the Fall Quarter: Chemical Engineering 542, Chemistry 541, 581; Mathematics 415, 451, 454, 464; Metallurgical Engineering 471; Physics 371, 421, 471, 511, 521, 541, and 561.

### LATIN WORD FOR IT

The word "Nincompoop" comes from the Latin, non compos mentis, which, of course, means not of sound mind.

## Jordan Rites Held Last Week

The Utilities Administration department was saddened last week by the death of Mr. Olaf F. Jordan. He died at his Devonia home, Wednesday, June 2. Mr. Jordan had been in Y-12 since September 7, 1954.

He is survived by his wife, Mrs. Oma Rector Jordan; sons, Ray, Richmond, Kentucky; and Mickey, Chattanooga; mother, Mrs. Ben Love, Louisville, Kentucky; sister, Mrs. Harry Byrd, Caryville; two brothers, Ben Love and Chester Love, Louisville.

Funeral services were held Saturday, at 1 p.m. at the Shubert Funeral Home, Wartburg. Interment followed at the Woodlawn Cemetery, LaFollette.

Sincere sympathy is extended to the Jordan family.

## July 4 Used As Very Special Day

Throughout history, the Fourth of July has been selected for important undertakings. Governor De Witt Clinton, New York, turned the first sod for the Erie Canal in 1817.

Charles Carroll, the last surviving signer of the Declaration of Independence, turned the first dirt for the Baltimore and Ohio Railroad, in 1828.

In Washington, the Washington monument was begun in 1850.

## McNally, Potts Lead Thernuclear Seminar

J. R. McNally and J. F. Potts will lead this week's Thernuclear Division seminar. McNally will speak on "Spectroscopic Studies," and Potts will speak on "D. C. Air Core Electromagnet Technology."

The seminar is set for tomorrow, Thursday, June 10, at 9 a.m. in the TD Conference Room, Building 9201-2.

### BEAUTY AIDS

Cosmetics are used by teenagers to make them look older sooner, and by their mothers to make them look younger longer.

## SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
40 Days Or  
1,083,000 Man-Hours  
(Unofficial Estimate)  
Without A Disabling  
Injury  
Through June 6  
Phone 3-7755  
For Daily Report  
On Accident-Free Hours

# The Bulletin

Published Weekly For The  
Y-12 Employees Of  
UNION CARBIDE  
CORPORATION



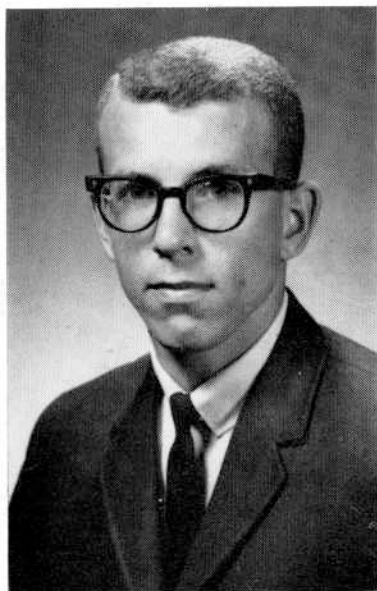
NUCLEAR DIVISION

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## Coulter Honor Cadet In Tennessee's ROTC



Ronald M. Coulter

A superior cadet ribbon went to Cadet Lieutenant Colonel Ronald M. Coulter recently in ROTC ceremonies at the University of Tennessee. Ronald is the son of B. B. Coulter, Research Services.

A "dean's list" student, Ronald is majoring in biology and education. He has another quarter in which he will practice-teach and then he will report to Ft. McClellan as a 2nd Lieut. in the Chemical Corps.

Last year, young Coulter was made a member of Scabbard and Blade, the national honor society for military science. S and B honors are based on military performance, leadership, drill and command, plus a high scholastic standing. He was a battalion sergeant major with the Brigade of Cadets at UT his junior year, and a member of the Tennessee Ranger Company in the Brigade. The busy senior was also a member of Adawayhi, and the UT Pep Club.

A superior cadet ribbon went to each of the four classes on the Hill, and Coulter took the one representing the senior class.

The Coulters live at 113 Princeton Avenue Oak Ridge.

## Looking For A Job In The Old West?

Looking for a job? The state of New Mexico has two openings you might fill . . . in fact, they've been looking for someone to fill "a job in the great outdoors with a little travel and where you're seated most of the time." They want two bronc busters. The traveling? . . . from the saddle to the ground. Seated most of the time? The choice of a seat is either you're seated in the saddle or in the dust!



A total of 265 years of Union Carbide Corporation service is observed this week by veteran Y-12ers. Congratulations.

### 20 YEARS

**Hattie V. Burton**, Janitors Department, June 6.

**Helen M. Claffey**, Metallurgical Development, June 9.

**Wayne Rogers**, Buildings, Grounds and Maintenance Shops, June 9.

**Winfred O. Elam**, Fire Department, June 11.

**Evan O. Rockley**, 9766 Machine Shop, June 13.

**Leeman G. Pack**, Dispatching Department, June 15.

### 15 YEARS

**Roy L. Chrisman**, Buildings, Grounds and Maintenance Shops, June 9.

**Omer L. Evans**, Building, Grounds and Maintenance Shops, June 9.

**Grady L. O'Kain**, Area Five Maintenance, June 10.

**Martin W. Jones**, Area Five Maintenance, June 12.

**Maurice J. Jewett**, Process Maintenance, June 12.

**Charles E. Gaut**, Area Five Maintenance, June 13.

**John W. Powell**, Area Five Maintenance, June 14.

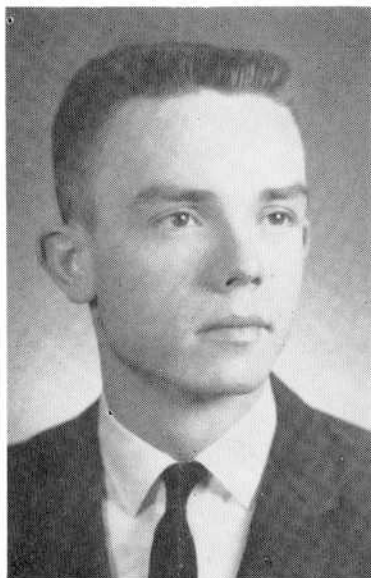
**Dewey E. Floyd**, Area Five Maintenance, June 15.

**George G. Everett**, Buildings, Grounds and Maintenance Shops, June 15.

### 10 YEARS

**Morris Dupee**, H-2 and F-Area Shops, June 10.

## Pickens Son Takes Degree At Lafayette



N. Earle Pickens

June 4th graduation exercises at Lafayette College, Easton, Pennsylvania, saw N. Earle Pickens receive his BA degree in biology. Earle is the son of Mrs. Edna C. Pickens, Radiation Safety, and the late Norman D. Pickens . . . who was in Chemical Services before his death in 1958.

While at Lafayette, Earle was president and guide of Delta Tau Delta fraternity; secretary of the Interfraternity Council; and vice president of the Pre-Medical Society. Young Pickens worked briefly in Y-12 himself in Materials and Services Division.

He will study medicine at the University of Chicago after a summer in Atlantic City, where he and fellow Lafayette students work in a musical combo. Pickens is married to the former Brenda C. Kendig, whose father A. F. Kendig is in Y-12's Salvage Department.

Mrs. Pickens, who lives at 102 Devon Lane, Oak Ridge, flew up to the graduating exercises last week.

## Going To World's Fair Sometime This Summer?

Planning a trip to the World's Fair this summer? The Bulletin is looking for an interesting travel story. We can get you photographed there, officially, too. Or at least the womenfolk in your party. Just call at 3-7100, and let us know the girls' names, and when you plan to be at the Big Fair!



**Ride wanted from 1708 Bradshaw, Rambling Acres section, Knoxville, to North Portal, straight day.** Fred Clark, plant phone 3-7308, home phone Knoxville 523-4595.

**Car pool member wanted from West Outer Drive, Jefferson Avenue, Johnson Road section, Oak Ridge, to Central Portal, straight day.** J. C. Jernigan, plant phone 3-5959, home phone Oak Ridge 483-6833.

It is always time for security.

May 9, 1965

Dear Miss Hemphill,

I am very glad to write you. It is the first time that I exchange the letter to the Pen Pal. I wish you will also be joyful to receive it.

My name is Hyungjai Lee, Korean Boy of 15 years old. I am in the 1<sup>st</sup> grade of the Kyungbok Senior High School, the best one of the Korea. We learn English, Mathematics, History, Geography, Deutsch, and etc. at school. I like English and Geography. All of our wear our school uniform.

My hobbies are camping and music appreciation. Please tell me to your hobbies.

I have three brothers, two of them are older than I, one is younger.

Most of Korean have dark-haired and brack eyes, me also too. What do you know about Korean? Our country is beautiful. Ask me what you want to know about Korea more, and I shall tell you it exact, and Explain me about Tennessee where you live.

I hope to know about you in detail more, and to become the closest of friends.

Please write me soon.

Your very sincerely  
Hyungjai Lee.

## School Project Brings Letter Of Interest From Far-Off Korea

Whoever said that the art of letter-writing is dead just hasn't checked with Deborah Hemphill! Deborah, the youngest of the Hemphill clan, sometime during her last school year at St. Mary's submitted her name as a possibility for a pen pal in some foreign country. Then the above letter appeared.

"I thought at first it was for Dad . . . then saw my name on it. There were so many stamps and cancellations on the envelope that I thought I had mailed something without enough postage on it," was her first reaction when receiving the letter from Korea.

The other Hemphill children are busily in school . . . or at work, in Hollie's case. (She is managing editor of a hobby magazine in Atlanta.) Pamela is a freshman at the University of

Chattanooga . . . and the boys Jeff and Chris were seniors and juniors respectively at Oak Ridge High School this past year. (Leo F. Hemphill, Engineering Division, recently celebrated his 22nd year as a Y-12er. He holds the lowest badge number (badge 54) in the plant.)

Corresponding with students in other lands is a highly commendable school project. Getting to know one another is possibly the key to a better way of life, an understanding of each other's problems, cares and likes.

Mr. Hyungjai Lee, we don't know you, but through your letter to Miss Hemphill we see a far brighter lad at 15 than we were at that age! (Many of us did not even know Korea existed when we were in junior high school.) We welcome you as a friend to Deborah, and, in turn, our friend. Thank you also for letting us share your delightful letter.

## Arts Calendar

June 11 — COFFEE HOUSE, Holiday Inn, 8 p.m. Don and Jack Cowen, Phil Rueff on the pianos, Bob Hall on guitar. \$1 admission.

June 12 — ART EXHIBIT: Sidewalk Art Show, 9:30 a.m. to 5 p.m. Loveman's Marquee, Downtown. Free.

June 13 — ART EXHIBIT: "Cross Section of Contemporary Art." 3-6 p.m. Art Center, \$5.00 admission.

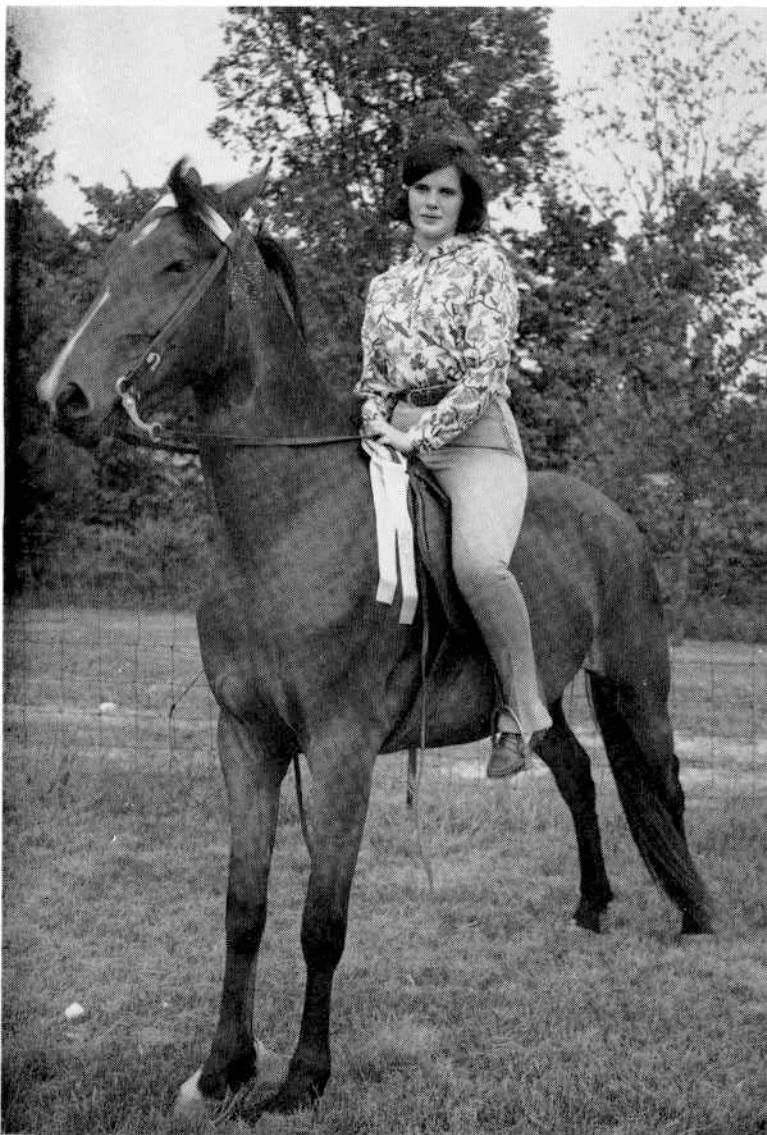
June 13 — FILM CLASSIC: Humphrey Bogart and Ingrid Bergman in "Casablanca." Jefferson Junior High School, 8 p.m., \$1 admission.

June 14-19 — ART EXHIBIT: "Cross Section of Contemporary Art." 2-4 p.m. Art Center.

June 15 — FILM CLASSIC: Alec Guinness in "The Lavender Hill Mob." Jefferson Junior High School, 8 p.m. \$1 admission.



**ANNA M. OWEN IS HONORED** by fellow employees as she leaves Y-12 for household duties. General Planning and Estimating folk down in 9201-1 got together briefly to present her gifts before her Friday, June 4 departure. Good luck, Ann!



**A HANDSOME STEED, INDEED,** and a pretty miss, too. Lou Mullins, daughter of H. B. Mullins, Y-12's H-2 Shop, recently rode Lou Downing in the Campbell County Horse Show. Lou and Lou won fifth place in the Pleasure Class at the LaFollette show.

## 10 More Carts Added To Gatlinburg Tournament For Y-12ers, June 26

The Recreation Department has just advised that there will be 30 golf carts available at Gatlinburg on the 26th of June. Y-12's big tournament is slated in the Smokies that day. Originally, 20 carts were slated for the drawings.

That is, the first 15 foursomes teeing off will be allowed two electric carts each . . . or one for every two golfers. Both tee-off time requests and cart application are included in the coupon below.

The cost of the cart is \$7 per couple . . . or \$3.50 per golfer. Green fee at Gatlinburg is now \$4. That means a golfer going in a cart would pay \$7.50 to play to 18 holes.

Drawings for the carts, as well

as the tee-off times will take place in Recreation Thursday, June 24. The foursome leader will be notified by telephone of the exact time his group will leave the first hole.

Golfers will be requested to be present at least 20 minutes before their scheduled time off.

Gatlinburg Country Club has long been a favorite location among Y-12 golfers. . . . June weather should be just about perfect for the tournament Saturday week.

Fill out the coupon and drop it in the mail today. Recreation wants to put your name "in the pot" early.

Guard your conversation.

## Tee-Off and Golf Cart Application GATLINBURG GOLF TOURNAMENT

Saturday, June 26, 1965

Foursome

\_\_\_\_\_, Leader  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Does your foursome wish to draw for two carts? ☐ Yes ☐ No  
Golfers with carts will tee off from 6 a.m. until 8:40 a.m.

Tee-Off Time Preferred \_\_\_\_\_

Leader's plant phone number: \_\_\_\_\_

Fill in completely and return to the Recreation Office, Building 9704-2. Drawing for carts and tee-off times will be Thursday, June 24, at 8 a.m.

## 3 Slo-Pitch Teams Have No Losses

### ORNL Teams Share League Top Spot

Three teams now hold unblemished records in the Softball League . . . as Biology, ORNL Mets and Isotopes Reactor boast four wins in the three-plant competition.

Last week's action began Monday as the Bums downed Y-12 Teds 10 to 6. The winning team combed 17 hits from the Law-Burger battery. Niles Kevern poled the only long homer in the game.

Isotopes Reactor took a win from Y-12's Eagles in game number two 13 to 2. Jim Thompson homered for the losing squad, Bell tripled. Armstead and Thomas had long ones for the winning slate.

#### Ball Hawks Down Stems

The Ball Hawks pulled a 15 to 11 victory over the Stems to finish up Monday's fast play.

Y-12's Nucons lost the first game Tuesday to the Mets 8 to 4. Hits were about evenly distributed with the Mets taking 10, the Nucons 12.

Plant & Equipment won another game Tuesday, dousing the Permits 11 to 6.

#### Braves Win Forfeit

Y-12's Braves won an easy one off the Atoms, also from Y-12 via forfeit.

The final game of Tuesday saw Biology take win number four . . . this time at the expense of the Instrumentation & Controls team, 17 to 12.

Thursday's games were rained out and played on Friday.

Friday began with the Bat Boys, Y-12, upsetting the K-25 Mets 8 to 5 . . . the boys racking up 15 hits during the game.

The week closed on the K-25 Instruments taking a close victory from the Apprentices 6 to 4. League standings follow:

Team	W	L
Biology	4	0
Mets, ORNL	4	0
Isotopes Reactor	4	0
Mets, K-25	3	1
Plant & Equipment	3	1
Braves, Y-12	3	1
Permits	2	2
Eagles, Y-12	2	2
Nucons, Y-12	2	2
Bat Boys, Y-12	2	2
Ballawks	2	2
K-25 Instruments	2	2
Apprentices	1	3
Instrumentation & Controls	1	3
Bums	1	3
Teds, Y-12	0	4
Stems	0	4
Atoms, Y-12	0	4

## Rifle League 3rd Firing's Scores

The All Carbide High Powered Rifle League held its third match of the season, Saturday, May 29.

G. A. Reimann, ORNL, turned in the top score of the day with a 243-13v scratch score, which was upped to a 293.391 handicap tally.

In the difficult standing position Reimann again led the field with the 50-40 total. Reimann was also tops in the sitting rapid-fire for a 50-5v total.

The 300-yard rapid fire ended in a tie between W. E. Brundage, ORNL, and C. G. Brewster, Y-12, both posting a score of 49-2v's.

Brewster again was long range winner having a score of 98-11v at 600 yards.

Other scores for Y-12 firers:

Shooter	Scratch	Handicap
C. G. Brewster	239-16v	290.191
J. L. Huff	237-11v	289.417
Bert Searles	229-10v	289.277
R. J. Spurling	239-15v	289.476

Don't blare out everything you know.



**THREE Y-12ERS AND** a lot of fish, it is. From left are Glen A. Atchley, Guard Department, O. F. Jordan and John McCall, Utilities Administration, and Frank Flynn, a Knoxville attorney. The foursome reaped these lingcod or cobia from the Gulf of Mexico waters, near Orange Beach, Alabama, recently. They ranged in weight from 20 to 60 pounds. All totaled, there were 700-800 pounds dressed out. The annual expedition is planned every Spring, and is under the aegis of Skiller Leroy Walker, familiar to many other Y-12ers.

## Recreation



Monday, June 14

**TENNIS LEAGUE:** By mutual agreement—all week.

**SOFTBALL LEAGUE:** Beginning 6 p.m., Teds vs Isotopes Reactor; Atoms vs Eagles; Nucons vs Braves.

Tuesday, June 15

**SOFTBALL LEAGUE:** Beginning 6 p.m., Bat Boys vs Apprentices; Plant & Equipment vs Biology; Instrumentation & Controls vs Bums.

Wednesday, June 16

**MINIATURE GOLF:** 6 p.m., Driving Range. Turnpike.

Thursday, June 17

**ARCHERY LEAGUE:** 5 p.m., Oak Ridge Sportsmen's Association.

**SOFTBALL LEAGUE:** Beginning 6 p.m., Mets vs Ball Hawks; Stems vs K-25 Instruments; Permits vs K-25 Mets.

## Horseshoe League Gets Underway

The ORNL-Y-12 Horseshoe League got underway last week without even a neigh. (Y-12ers Avery Kendig, Loyd Wyatt, Bob Lucke, Sam Gallman, W. S. Helms and Harrison Roper are participants in the ancient sport.)

The Leonard-Gray team took a clean sweep from Wyatt-Lucke, as did the Clark-Wagner duet over Gallman-Helms. Kendig-Zupan managed a 4 to 5 split with the Barger-Luckett pair.

Other couples did not participate in the League's first round of play.

League standings follow:

Team	W	L
Leonard-Gray	9	0
Clark-Wagner	9	0
Barger-Luckett	5	4
Kendig-Zupan	4	5
Wyatt-Lucke	0	9
Gallman-Helms	0	9
Harness-Tillery	0	9
Roper-Finley	0	9

## 4 Tennis Matches Start New League

Three newcomers in this year's Tennis League share top honors with Ralph Levey, veteran on the courts, as the league served its first bill of fare.

Jack Cowan downed J. E. Harrell 6-1, 6-3 . . . R. A. Hobbs defeated Campbell King 6-0, 6-0 . . . and Max Scott bested J. Bob Bass 6-1, 6-3. Veteran Levey won his matches from J. W. Cooke 6-0, 6-0.

Bill Akers, Evelyn Clark, Roy Huddleston and John Pridgeon did not report action this far.

League standings follow:

Player	W	L
Jack Cowan	3	0
Robert A. Hobbs	3	0
Ralph Levey	3	0
L. M. Scott	3	0
J. E. Harrell	0	3
Campbell King	0	3
J. W. Cooke	0	3
Bob Bass	0	3
Bill Akers	0	0
Evelyn Clark	0	0
Roy Huddleston	0	0
John Pridgeon	0	0

## ON PLAGERISM

"In comparing various authors with one another, I have discovered that some of the gravest and latest writers have transcribed, word for word, from former works, without making acknowledgement," said Pliny the Elder. A. K. Johnson, Electrical, says, "You steal the works of one man . . . that's plagerism. You steal from the works of many . . . that's research!"

## Skiing Can Be Fun Sans Danger!

Skiing is tremendous fun . . . water skiing, that is. More and more Y-12ers are taking to the water to enjoy the fast-growing sport. There are, according to the National Safety Council, a few rules that should be followed:

- Always wears a life jacket.
- Have two people in the tow boat, one to drive and one to watch the skier.
- Keep an eye on the water ahead.
- If you fall, hold up an arm to signal O.K.
- To stop, sit down in the water. If falling, curl up in a ball.
- Don't ski in shallow water or in swimming areas.
- Hold rope for quick release. Never wrap rope around the body or limbs.
- Don't ski after sundown.
- Don't overdo and become tired.
- Learn hand signals for skiing.

Water skiing, per se, is no more dangerous than the other sports. All are just as dangerous as the participant wants to make them. Enjoy the water, but don't let it cause a painful injury.

**UNION CARBIDE CORPORATION**  
**NUCLEAR DIVISION**
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*Katy Kutkost*  
*SEZ:*
**COINCIDENCE!**

It is well known to one and all that Charlie Kuykendall's record (Southern College Region) of swallowing 96 goldfish in 15 minutes still stands.

You may not know that since leaving Arkansas, Charlie has duplicated the feat—but this time it was with catalogs. It seems last month he asked the Planning and Estimating group at 9201-1 if they could NEIGHBORHOOD POOL sections of Y-12 Stores Catalogs. They could and they got rid of—you guessed it—96 . . . in two days. Atta boy, Charlie.

Cost Reduction Green Sheet boxscore for June 30 Report, received as of June 1:

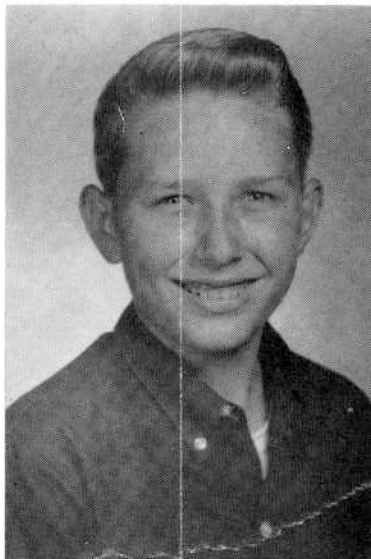
Technical Services	17
Metal Preparation	17
Assembly	35
Maintenance	8
Fabrication	5
Industrial Relations	2
Materials & Services	3
Product Engineering	3
Plant Engineering	3
Accounting	1
Development	1
Plant Protection	1

**Corporate Home Office**  
**Occupies One Whole Block**

The nerve center of Union Carbide Corporation's far-flung operations is a 52-story steel and glass structure. The tallest building on Park Avenue, it occupies an entire block. Actually, it is two connected buildings.

Approximately 4,000 employees are located in the home office.

There are more than 60 conference and meeting rooms of various sizes — which are used for training and other purposes.

**Honor Student**  
**At Jacksboro**

**Johnny Wayne Branam**

Johnny Wayne Branam, son of Elmo Branam, H-2 Shops, was recently honored at Jacksboro School.

Johnny was awarded a certificate for his academic achievement in the field of social studies in the sixth grade at Jacksboro.

Young Branam placed first in the academic achievement contest, sponsored by the Campbell County school.

Ridge Symphony Orchestra, will be the musical director.

The big hit will be given outdoors at Blankenship Field, Friday and Saturday, June 18, 19 and again Saturday, June 26.



**GETTING IN CHARACTER** for their big roles in "Guys and Dolls" are Kay Hamrick (Sarah Brown, the Mission girl), and Martha Bishop (Miss Adelaide—engaged to Nathan Detroit for 14 years) seated left to right. In the back row are Milt Carey (Nathan) and Lamar Royer (Sky Masterson). "G & D" will be the main attraction in this year's Oak Ridge Festival. It will be staged June 18, 19 and 26 on Blankenship Field.

**Y-12 Actors Assume Top**  
**'Guys And Dolls' Roles**

Y-12 will be well represented in the upcoming "Guys and Dolls," one of the highlights of the Oak Ridge Festival. The musical comedy based on characters in Damon Runyon's stories, is a fable of thoughts, touts and sentimental Broadway chorus girls. The show, which had a fabulously successful and prize-winning run of three years, will be held outdoors on a newly built stage on Blankenship Field. A full orchestra will gambol with the characters. Th edates are Friday and Saturday, June 18, 19 and Saturday, June 26.

Lama Royer, Development Division, will play Sky Masterson—so named because the sky is the limit always in his betting. Marlon Brando played the dashing Sky in the hit movie version of the play.

Milton Carey, Production Control, plays the high comedy role of Nathan Detroit, a harried dice game entrepreneur.

Kay Hamrick, who is well known for her fine operatic roles in previous Festivals — she played Madame Butterfly last year — plays the role of Sarah Brown, a mission girl who sets out to save Sky's soul. Kay is the daughter of C. W. Mason, and the daughter-in-law of Pat Hamrick.

Her sister and brother, Wanda Livesay and Joe Mason are also in Y-12.

"Guys and Dolls" hinges around the misdeeds of Sky and a demure Salvation Army lass who leads a "Sav-a-Soul" mission. A parallel story concerns the promoter of a floating dice game, Nathan Detroit, and his nightclub singing fiancée—brassy on the outside but just a simple, home-loving soul at heart. Miss Adelaide tells her dear mother, at a distance of 200 miles, that she is happily married and the mother of five children. Meanwhile, she can't get her long-time suitor near the altar.

The musical has 16 song hits and Brooks Atkinson of the New York Times called it "A crack-brained fantasy, a triumph of style, a vibrantly perfect musical comedy." Carey, Royer and Miss Hamrick are not newcomers to the Oak Ridge stage. Royer is remembered as a smash in last year's "Bye, Bye, Birdie." Milt Carey has played in many memorable roles at the Oak Ridge Playhouse.

"Guys and Dolls" will be directed by Paul Ebert; and Franklin Choset, director of the Oak



**OUTDOOR WRITER GRITS GRESHAM** and his wife Mary recently toured the country discussing what makes people mosquito prone. Gresham, past president and Chairman of the Board of Directors of the Outdoor Writers Association of America, is well known as a writer and photographer. In their camping, fishing, hunting and outdoor life the Greshams take along 6-12 insect repellent in both the spray can and patio light forms. With the advent of Summer, the insect season is well upon us.

**UCC Treasurer**  
**Names Officials**

John F. Bertelsen has been named an assistant treasurer and J. Norris Miller, general credit manager of Union Carbide Corporation. The announcement was made recently by William S. Sneath, treasurer of the corporation.

Bertelsen became associated with Union Carbide in 1947 as a correspondent for the corporation's Linde Division, New York. He was appointed region credit manager of Union Carbide in 1953, assistant general credit manager in 1956, and general credit manager in 1963.

Miller joined Union Carbide in 1947 as a correspondent for the Chemicals Division. In 1955, he moved to the Plastics Division as business analyst. From 1959 to 1963, he moved to the Plastics Division as business analyst. From 1959 to 1963, he was located in San Francisco, where he rose to the position of manager of the western credit office. Following this, he returned to New York as assistant general credit manager.

Both Bertelsen and Miller are alumni of the Graduate School of Credit and Financial Management at Dartmouth as well as members of the New York Credit and Financial Management Association and the National Association of Credit Management.

**Carbon Products Division**  
**Supplies French Graphite**

The Carbon Products Division of Union Carbide will supply 40,000 pounds of boronated graphite for a French reactor. The graphite will serve as partial shielding for the Rapsodie fast-breeder reactor under construction at France's new nuclear studies center at Cadarache. Machining of the graphite components will be done by Compagnie Industrielle Savoie-Acheson—Union Carbide's French subsidiary. The experimental power reactor will be one of the few reactors in the world

**Patricia Graham**  
**Karns High Leader**

**Patricia Graham**

Leading the class in graduating exercises last week at Karns High School was Patricia Graham. Pat is the daughter of Mr. and Mrs. Ralph E. Graham, Route 20, Knoxville. Her father is in Y-12's M-Wing Shop.

Ending her high school career with 21 credits, Pat took a 4.0 average to become Karns Valedictorian for 1965. She was Miss Beta Club and voted the most intellectual among school superlatives.

Awarded a freshman scholarship, she plans to enter the University of Tennessee this fall and major in English. Her present job is in the office of Dr. Burton M. Rudolph.

**O PROMISE ME!**

"Does your husband always live up to promises he made during your courtship?"

"Always. In those days he kept saying he wasn't good enough for me and he's been proving it ever since."

with an all-plutonium core and will be used to provide experience for the design of a prototype power reactor.